

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/734,443DATE: 01/27/98
TIME: 13:50:28

INPUT SET: S22894.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

ENTERED

(i) APPLICANT: Keyt, Bruce A.
Nguyen, Francis H.
Ferrara, Napoleone

(ii) TITLE OF INVENTION: Variants of Vascular Endothelial Cell
Growth Factor Having Antagonistic Properties

(iii) NUMBER OF SEQUENCES: 14

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Walter H. Dreger
(B) STREET: 4 Embarcadero Center, Suite 3400
(C) CITY: San Francisco
(D) STATE: California
(E) COUNTRY: United States
(F) ZIP: 94111

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/734,443
(B) FILING DATE: 17-OCT-1996
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Dreger, Walter H.
(B) REGISTRATION NUMBER: 24,190
(C) REFERENCE/DOCKET NUMBER: A-63096/WHD/MTK

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 415-781-1989
(B) TELEFAX: 415-398-3249

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 59 base pairs

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47 (B) TYPE: nucleic acid
48 (C) STRANDEDNESS: single
49 (D) TOPOLOGY: linear
50
51 (ii) MOLECULE TYPE: other nucleic acid
52 (A) DESCRIPTION: /desc = "oligonucleotide"
53
54
55
56
57 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
58
59 CCTATGGCTG AAGGCGGCCA GAAGCCTCAC GAAGTGGTGA AGTTCATGGA CGTGTATCA 59
60
61
62
63 (2) INFORMATION FOR SEQ ID NO:2:
64
65 (i) SEQUENCE CHARACTERISTICS:
66 (A) LENGTH: 30 base pairs
67 (B) TYPE: nucleic acid
68 (C) STRANDEDNESS: single
69 (D) TOPOLOGY: linear
70
71 (ii) MOLECULE TYPE: other nucleic acid
72 (A) DESCRIPTION: /desc = "oligonucleotide"
73
74 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
75
76 AGTAGCAAGC TTGACGTGTG GCAGGCTTGA 30
77
78
79
80 (2) INFORMATION FOR SEQ ID NO:3:
81
82 (i) SEQUENCE CHARACTERISTICS:
83 (A) LENGTH: 29 base pairs
84 (B) TYPE: nucleic acid
85 (C) STRANDEDNESS: single
86 (D) TOPOLOGY: linear
87
88 (ii) MOLECULE TYPE: other nucleic acid
89 (A) DESCRIPTION: /desc = "oligonucleotide"
90
91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
92
93 GATCTGGCCA TACACTTGAG TGACAATGA 29
94
95
96
97 (2) INFORMATION FOR SEQ ID NO:4:
98
99 (i) SEQUENCE CHARACTERISTICS:

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100 (A) LENGTH: 28 base pairs
101 (B) TYPE: nucleic acid
102 (C) STRANDEDNESS: single
103 (D) TOPOLOGY: linear
104
105 (ii) MOLECULE TYPE: other nucleic acid
106 (A) DESCRIPTION: /desc = "oligonucleotide"
107
108 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
109
110 CATCCACTTT GCCTTTCTCT CCACAGGT 28
111
112
113
114 (2) INFORMATION FOR SEQ ID NO:5:
115
116 (i) SEQUENCE CHARACTERISTICS:
117 (A) LENGTH: 12 base pairs
118 (B) TYPE: nucleic acid
119 (C) STRANDEDNESS: single
120 (D) TOPOLOGY: linear
121
122 (ii) MOLECULE TYPE: other nucleic acid
123 (A) DESCRIPTION: /desc = "oligonucleotide"
124
125 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
126
127 GTCCACTCCC AG 12
128
129
130
131 (2) INFORMATION FOR SEQ ID NO:6:
132
133 (i) SEQUENCE CHARACTERISTICS:
134 (A) LENGTH: 30 base pairs
135 (B) TYPE: nucleic acid
136 (C) STRANDEDNESS: single
137 (D) TOPOLOGY: linear
138
139 (ii) MOLECULE TYPE: other nucleic acid
140 (A) DESCRIPTION: /desc = "oligonucleotide"
141
142 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
143
144 AGGCTGCTGC AGTTCGACGT GGGAGTGGAC 30
145
146
147
148 (2) INFORMATION FOR SEQ ID NO:7:
149
150 (i) SEQUENCE CHARACTERISTICS:
151 (A) LENGTH: 24 base pairs
152 (B) TYPE: nucleic acid

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153 (C) STRANDEDNESS: single
154 (D) TOPOLOGY: linear
155
156 (ii) MOLECULE TYPE: other nucleic acid
157 (A) DESCRIPTION: /desc = "oligonucleotide"
158
159 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
160
161 CAGGGGCACA TCGGATGGCT TGAA
162
163
164
165 (2) INFORMATION FOR SEQ ID NO:8:
166
167 (i) SEQUENCE CHARACTERISTICS:
168 (A) LENGTH: 24 base pairs
169 (B) TYPE: nucleic acid
170 (C) STRANDEDNESS: single
171 (D) TOPOLOGY: linear
172
173 (ii) MOLECULE TYPE: other nucleic acid
174 (A) DESCRIPTION: /desc = "oligonucleotide"
175
176 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
177
178 CAGGGGCACG GCGGATGGCT TGAA
179
180
181
182
183
184
185 (2) INFORMATION FOR SEQ ID NO:9:
186
187 (i) SEQUENCE CHARACTERISTICS:
188 (A) LENGTH: 24 base pairs
189 (B) TYPE: nucleic acid
190 (C) STRANDEDNESS: single
191 (D) TOPOLOGY: linear
192
193 (ii) MOLECULE TYPE: other nucleic acid
194 (A) DESCRIPTION: /desc = "oligonucleotide"
195
196 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
197
198 GTCATTGCAA TCGCCCCGC ATCG
199
200
201
202 (2) INFORMATION FOR SEQ ID NO:10:
203
204 (i) SEQUENCE CHARACTERISTICS:
205 (A) LENGTH: 24 base pairs

24

24

24

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206 (B) TYPE: nucleic acid
207 (C) STRANDEDNESS: single
208 (D) TOPOLOGY: linear
209
210 (ii) MOLECULE TYPE: other nucleic acid
211 (A) DESCRIPTION: /desc = "oligonucleotide"
212
213 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
214
215 GTCATTGCAG GCGCCCCCGC ATCG 24
216
217
218
219 (2) INFORMATION FOR SEQ ID NO:11:
220
221 (i) SEQUENCE CHARACTERISTICS:
222 (A) LENGTH: 51 base pairs
223 (B) TYPE: nucleic acid
224 (C) STRANDEDNESS: single
225 (D) TOPOLOGY: linear
226
227 (ii) MOLECULE TYPE: other nucleic acid
228 (A) DESCRIPTION: /desc = "oligonucleotide"
229
230 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
231
232 GTCATTGCAG GCGCCCCCGC ATCGCATCAG GGGCACGGCG GATGGCTTGA A 51
233
234
235
236 (2) INFORMATION FOR SEQ ID NO:12:
237
238 (i) SEQUENCE CHARACTERISTICS:
239 (A) LENGTH: 51 base pairs
240 (B) TYPE: nucleic acid
241 (C) STRANDEDNESS: single
242 (D) TOPOLOGY: linear
243
244 (ii) MOLECULE TYPE: other nucleic acid
245 (A) DESCRIPTION: /desc = "oligonucleotide"
246
247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
248
249 GTCATTGCAA TCGCCCCCGC ATCGCATCAG GGGCACATCG GATGGCTTGA A 51
250
251
252
253 (2) INFORMATION FOR SEQ ID NO:13:
254
255 (i) SEQUENCE CHARACTERISTICS:
256 (A) LENGTH: 990 base pairs
257 (B) TYPE: nucleic acid
258 (C) STRANDEDNESS: double

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/734,443

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Line	Error	Original Text
379	Stop Codon at end of sequence removed - no error	